

Appl. No.: 09/849,096  
Amdt. Dated: 12/29/2003  
Off. Act. Dated: 08/29/2003

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Claims 1-30 (canceled)

31. (previously presented): An optical switch, comprising:  
at least one array of actuated mirrors configured for switching an optical beam from an input port to any output port;  
said optical switch configured for separating at least one wavelength component in said optical beam from at least one other wavelength component of said optical beam;  
said optical switch configured for independently switching said at least one wavelength component from any input port to any output port.

32. (previously presented): An optical switch, comprising:  
at least one array of actuated mirrors configured for switching an optical beam from any input port to an output port;  
said optical switch configured for separating at least one wavelength component in said optical beam from at least one other wavelength component of said optical beam;  
said optical switch configured for independently switching said at least one wavelength component from any input port to an output port.

33. (original): An optical switch as recited in claim 31 or 32, further comprising means for positioning said optical beam onto at least one array of actuated mirrors.

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Claims 34-36 (canceled)

37. (original): An optical switch as recited in claim 31 or 32, wherein said optical switch is configured for a specific mirror in at least one array of actuated mirrors to receive an optical beam from a corresponding one specific input port.

38. (original): An optical switch as recited in claim 31 or 32, wherein said optical switch is configured for a specific output port to receive an optical beam from a corresponding one specific mirror in at least one array of actuated mirrors.

39. (original): An optical switch as recited in claim 31 or 32, wherein said optical switch is configured for a specific mirror in at least one array of actuated mirrors to receive an optical beam from a corresponding one specific input port; and wherein said optical switch is further configured for a specific output port to receive an optical beam from a corresponding one specific mirror in-said-at least one array of actuated mirrors.

40. (original): An optical switch as recited in claim 31 or 32, wherein at least one array of actuated mirrors comprises a two-dimensional array.

41. (original): An optical switch, comprising:  
(a) at least one input port;  
(b) at least one output port; and  
(c) at least one array of actuated mirrors configured for switching an optical beam from an input port to any output port.

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42. (original): An optical switch, comprising:  
(a) at least one input port;  
(b) at least one output port; and  
(c) at least one array of actuated mirrors configured for switching an optical beam from any input port to an output port.

43. (original): An optical switch as recited in claim 41 or 42, further comprising means for positioning said optical beam onto at least one array of actuated mirrors.

Claims 44-46 (canceled)

47. (original): An optical switch as recited in claim 41 or 42, wherein said optical switch is configured for a specific mirror in at least one array of actuated mirrors to receive an optical beam from a corresponding one specific input port.

48. (original) An optical switch as recited in claim 41 or 42, wherein said optical switch is configured for a specific output port to receive an optical beam from a corresponding one specific mirror in at least one array of actuated mirrors.

49. (original): An optical switch as recited in claim 41 or 42, wherein said optical switch is configured for a specific mirror in at least one array of actuated mirrors to receive an optical beam from a corresponding one specific input port; and wherein said optical switch is further configured for a specific output port to receive an optical beam from a corresponding one specific mirror in said at least one array of actuated mirrors.

50. (original): An optical switch as recited in claim 41 or 42, wherein at least one array of actuated mirrors comprises a two-dimensional array.

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Claims 51-64 (canceled)